

## UTICOR INDUSTRIAL APPLICATIONS



### INDUSTRY

Food industry

### SPECIFIC AREA

Manufacturing (Automatic Bottle Filling)

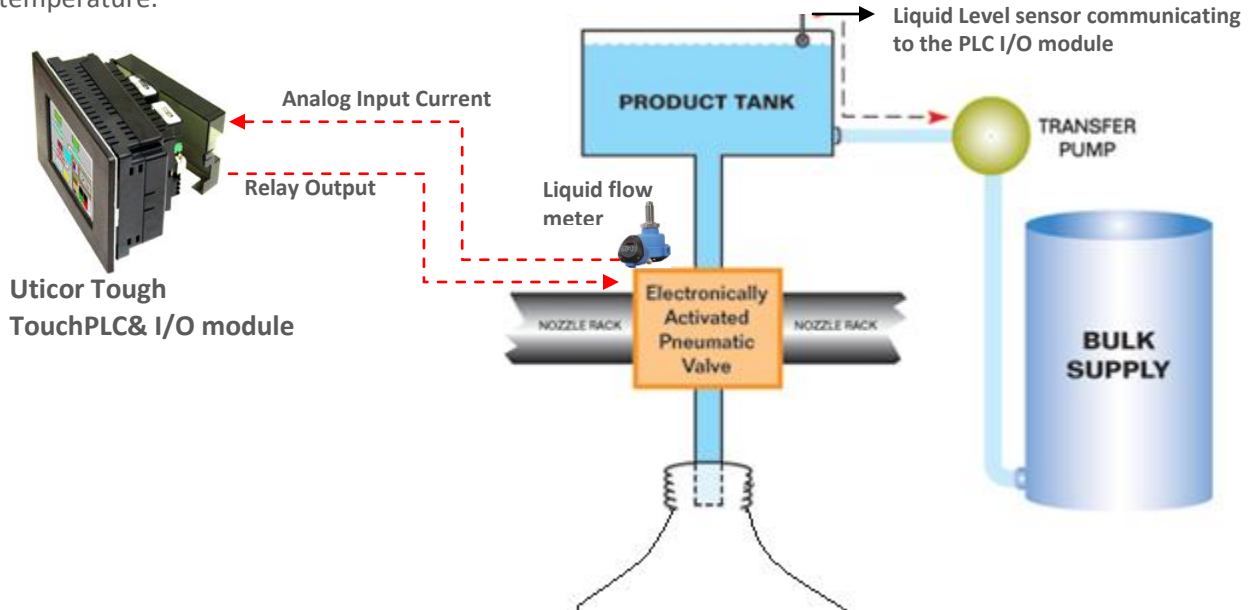
### PRODUCT USED

Uticor 15" Tough Panel with Uticor 64 I/O PLC



### APPLICATION

This Control System controls the precise filling of the beverage bottles automatically. The product bulk supply is pumped into a holding tank above a set of pneumatically operated valves. Each valve is independently timed by the filler's Uticor TouchPLC when combined with a liquid flow meter, so that precise amounts of liquid will flow down due to gravity into the bottles, when the appropriate valve is opened. Similarly, when the controller sees the required liquid level on the scale, it triggers a set point relay that is routed through a PLC I/O module and the valve is closed. Gravity fillers built with bottom up fill capability are most suitable for liquids with very thin viscosities that do not change with ambient temperature.



### WHY UTICOR?

- Intuitive and very easy to use
- Capability to edit Recipes online, while the machine is running
- Compact TouchPLC saves space and hence useful in applications with space constraints.